

152368

Monday, October 24, 2016 10:04:44 AM

N900040100

Stop ***NS2***

Start Date: 10/24/2016 **Start Qty:** 1.00 ***1***

Required Date: 10/28/2016 **Req'd Qty:** 1.00 *** 1 ***

Reference:

Approvals: Process Plan: 21 Date: OCT 24 2016
QC: 9-89 Date:

Tooling: _____ **Date:** _____
SPC (Y/N): _____ **Date:** _____

Run	Start	*NR1*
	Stop	*NR2*

[illegible]

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : _____			

Work Order ID 152368***152368***

Page 2

Monday, October 24, 2016 10:04:44 AM

Item ID: D350-794-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/28/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPPD350-794-013

Location: FG129

PPP Rev:

DAS
28
9-89DAS
27
9-89

NOV 2 1 2016

140

0.00

140

QC21- Final Inspection - Work Order Release

QC

Memo

0.02

Quality Control

DAS
21
9-89

NOV 2 1 2016

DAS
21
9-89

NOV 2 1 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : ☐									

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Page 1

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A 10.05.20 as per ecn10-562 DD verf:EC
 11.02.11 chg qty AN525-832R6 DD verf:EC
 adjusted pick list EC verified by DD
 IPP REV:D 12.03.08 ECN 12-539 DD VERF:EC
 12.04.26 ECN 12-571 DD VERF:EC
 ECN 13-645(CHG003) DD VERF:EC

IPP Rev:A
 IPP Rev C 11.06.06
 IPP REV:E
 IPP REV:F 13.10.02

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
107-943 *107-943* Connector Plug		Purchased	No			110	Each	6.0000	1 **	1			DAS 6 27 9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

st574

6

m133058

2

m134765

4

OCT 24 2016

107-964 *107-964* Connector Receptacle	Purchased	No				110	Each	13.0000	1 **	1			DAS 6 27 9-89 9-89
--	-----------	----	--	--	--	-----	------	---------	---------	---	--	--	-----------------------

DAS
28
9-89

Location

Loc Qty

Loc Code

st574

13

M128304

3

M129780

10

OCT 24 2016

107-978 *107-978* Connector Backshell	Purchased	No				110	Each	13.0000	1 **	1			DAS 6 27 9-89 9-89
---	-----------	----	--	--	--	-----	------	---------	---------	---	--	--	-----------------------

DAS
28
9-89

Location

Loc Qty

Loc Code

st574

13

M128272

9

M129810

4

OCT 24 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

143-203 Purchased No

110 Each

366.0000

**** 1 1**

143-203

Plug Housing

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

366

122018

163

122040

203

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

143-204 Purchased No

110 Each

4.0000

**** 1 1**

143-204

Receptacle Housing

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

4

125551

4

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

143-207 Purchased No

110 Each

10.0000

**** 1 1**

143-207

Plug

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

10

m127053

10

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

143-208 Purchased No

110 Each

6.0000

**** 1 1**

143-208

Receptacle

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

6

125517

6

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. AC		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐											
Date : 3 23-8		Step #:		QTY Effective :			MRB (QSI042) Approval								
Description Work Order Deviation				Disposition				Completed By							
JAL 3 23-8 JAL 3 23-8								Lead hand / Supervisor Approval Verification							
								QC / QA Coordinator Approval							
Root Cause		FAULT CATEGORY													
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐				Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐				Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : ☐															

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

143-217 Purchased No
143-217
Crimp Socket

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

681

115459

681

110

Each

681.0000

**

5

5

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

143-219 Purchased No
143-219
Crimp Pin

DAS
28
9-89

Location

Loc Qty

Loc Code

st575

73

m129527

73

110

Each

73.0000

**

5

5

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

2000-6S Purchased No
2000-6S
Hose Clamp

DAS
28
9-89

Location

Loc Qty

Loc Code

ST545

26

m128830

6

m128880

20

110

Each

26.0000

**

1

1

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

2000-8S Purchased No
2000-8S
Hose Clamp

DAS
28
9-89

Location

Loc Qty

Loc Code

ST545

20

m132124

4

m135833

16

110

Each

20.0000

**

2

2

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

152368

D350-794-013

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

444-2556 Purchased No

110 Each

0.0000

1 1

444-2556

Gauge Master Switch (MTA106D)
OR ACCEPTABLE TO US MTA106
BATCH: _____
OR ACCEPTABLE TO US D4290-7
BATCH: _____

DAS
28
9-89

**

12703

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

AN3-4A Purchased No

110 Each

278.0000

2 2

AN3-4A

Bolt

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

over003

250

m135704

250

ST350

28

m134955

28

AN4-5A Purchased No

110 Each

99.0000

2 2

AN4-5A

BOLT

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST345

99

m129682

50

m134039

49

AN525-10R6 Purchased No

110 Each

313.0000

4 4

AN525-10R6

Screw

DAS
28
9-89

**

DAS
6
9-89

DAS
27
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST329

313

M134502

313

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
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Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

AN525-832R6

Purchased

No

110

Each

115.0000

9

9

AN525-832R6

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

79

m135390

79

ST326

8

m129682

8

ST328

28

m134249

28

**

DAS DAS
6 27
9-89 9-89

OCT 24 2016

AN5800-1

Purchased

No

110

Each

6.0000

1

1

AN5800-1

Placard Holder

DAS
28
9-89

Location

Loc Qty

Loc Code

ST330

6

m127874

6

**

DAS DAS
6 27
9-89 9-89

OCT 24 2016

AN815-6D

Purchased

No

110

Each

21.0000

2

2

AN815-6D

Union M Flare

DAS
28
9-89

Location

Loc Qty

Loc Code

OVER007

10

m135544

10

ST326

11

m132680

1

m134509

10

**

DAS DAS
6 27
9-89 9-89

OCT 24 2016

AN832-6D

Purchased

No

110

Each

6.0000

1

1

AN832-6D

Bulkhead Fitting

DAS
28
9-89

Location

Loc Qty

Loc Code

ST324

6

M128454

6

**

DAS DAS
6 27
9-89 9-89

OCT 24 2016

Monday, October 24, 2016 10:04:51 AM

Shop Packet Print

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

AN924-6D	Purchased	No	110	Each	17.0000	2	2	OCT 24 2016	DAS 6 9-89	DAS 27 9-89
**										
AN924-6D										
Nut										
DAS 28 9-89										
	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
	ST322		17							
	m134502		17							
AN929-6D	Purchased	No	110	Each	34.0000	1	1	OCT 24 2016	DAS 6 9-89	DAS 27 9-89
**										
AN929-6D										
Nut										
DAS 28 9-89										
	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
	ST322		34							
	m129820		34							
AN970-3	Purchased	No	110	Each	129.0000	2	2	OCT 24 2016	DAS 6 9-89	DAS 27 9-89
**										
AN970-3										
Washer										
DAS 28 9-89										
	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
	ST321		129							
	m128057		3							
	m129630		126							
D1-205	Purchased	No	110	Each	19.0000	1	1	OCT 24 2016	DAS 6 9-89	DAS 27 9-89
**										
D1-205										
ECF Fuse, 2.5 amps (HA21-2U5)										
DAS 28 9-89										
	<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
	ST559		19							
	m129793		19							



Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
NCR No. _____		Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
		Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval _____		
Description Work Order Deviation				Disposition					
								Completed By _____	
								Lead hand / Supervisor Approval Verification _____	
								QC / QA Coordinator Approval _____	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D3997-1
D3997-1
Placard

Manufactured No

110 Each

7.0000

1 1

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

7

137460

1

143813

6

D3997-13
D3997-13
Placard

Manufactured No

110 Each

9.0000

1 1

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137461

3

151162

6

D3997-15
D3997-15
Placard

Manufactured No

110 Each

10.0000

1 1

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

10

137462

3

151163

7

D3997-19
D3997-19
Placard

Manufactured No

110 Each

6.0000

1 1

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

6

143812

6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
CAC 8 02-6 CAC 8 02-6				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Monday, October 24, 2016 10:04:51 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D3997-21 Manufactured No

110 Each

9.0000

1 1

D3997-21

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137464

3

151164

6

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

D3997-23 Manufactured No

110 Each

9.0000

1 1

D3997-23

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137465

3

151165

6

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

D3997-25 Manufactured No

110 Each

8.0000

1 1

D3997-25

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

8

137466

2

144491

6

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

D3997-31 Manufactured No

110 Each

9.0000

1 1

D3997-31

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137467

3

151166

6

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D3997-33

Manufactured No

110 Each

9.0000

1 1

**

OCT 24 2016

DAS

6

9-89

DAS

27

9-89

D3997-33

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137468

3

151167

6

10/12/2017

D3997-35

Manufactured No

110 Each

9.0000

1 1

**

OCT 24 2016

DAS

6

9-89

DAS

27

9-89

D3997-35

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137469

3

151168

6

D3997-37

Manufactured No

110 Each

9.0000

1 1

**

OCT 24 2016

DAS

6

9-89

DAS

27

9-89

D3997-37

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137470

3

151169

6

D3997-39

Manufactured No

110 Each

8.0000

1 1

**

OCT-24 2016

DAS

6

9-89

DAS

27

9-89

D3997-39

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

8

137471

3

151170

5

Picklist Print

Page 10

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D3997-41 Manufactured No

110 Each

9.0000

1 1

D3997-41

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137472

3

151171

6

D3997-7 Manufactured No

110 Each

8.0000

1 1

D3997-7

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

8

137474

2

144492

6

D3997-9 Manufactured No

110 Each

9.0000

1 1

D3997-9

Placard

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

9

137475

3

151172

6

D4001-3 Manufactured No

110 Each

3.0000

1 1

D4001-3

Fitting

DAS
28
9-89

Location

Loc Qty

Loc Code

ST069

3

122399

1

151419

2

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

Monday, October 24, 2016 10:04:52 AM

Shop Packet Print

Page 10

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4002-5
D4002-5
Fuel Hose from Auxiliary Tank

DAS
28
9-89

Manufactured No

110 Each

2.0000

1 1

**

DAS
27
9-89
DAS
6
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST212

2

122400

2

D4002-7
D4002-7
Fuel Supply Hose

DAS
28
9-89

Manufactured No

110 Each

2.0000

1 1

**

DAS
27
9-89
DAS
6
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST212

2

144482

2

D4003-047
D4003-047
Fuel Pump Inlet Tube

DAS
28
9-89

Manufactured No

110 Each

2.0000

1 1

**

DAS
27
9-89
DAS
6
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST241

2

146034

1

146035

1

D4003-049
D4003-049
Tank Vent Line Assembly

DAS
28
9-89

Manufactured No

110 Each

2.0000

1 1

**

DAS
27
9-89
DAS
6
9-89

OCT 24 2016

Location

Loc Qty

Loc Code

ST241

2

145513

2

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4003-11
D4003-11

Vent Pipe - Tank

DAS
28
9-89

Manufactured No

110 Each

4.0000

1
**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST241

4

144471

4

D4004-041
D4004-041

Side Restraint Angle

DAS
28
9-89

Manufactured No

110 Each

2.0000

1
**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST242

2

122406

2

D4004-11
D4004-11

Top Strap Attachment Bracket

DAS
28
9-89

Manufactured No

110 Each

2.0000

1
**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST077

2

122407

2

D4004-5
D4004-5

Strap Attachment Bracket

DAS
28
9-89

Manufactured No

110 Each

4.0000

1
**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST070

4

120929

2

151509

2

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4004-7

Manufactured No

110 Each

44.0000

1 1

D4004-7

Hose Clip

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

44

122491

44

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

D4005-041

Manufactured No

110 Each

5.0000

1 1

D4005-041

Fwd Floor Gutter

DAS
28
9-89

Location

Loc Qty

Loc Code

ST246

5

121113

5

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

D4005-1

Manufactured No

110 Each

6.0000

1 1

D4005-1

Rear Restraint Angle Gutter

DAS
28
9-89

Location

Loc Qty

Loc Code

ST241

6

110897

6

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

D4005-11

Manufactured No

110 Each

5.0000

1 1

D4005-11

Finishing Strip

DAS
28
9-89

Location

Loc Qty

Loc Code

ST242

5

111593

5

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

D4006-041

Manufactured No

110 Each

5.0000

1 1

D4006-041

Tank Top Support Assembly

DAS
28
9-89

Location

Loc Qty

Loc Code

ST242

5

144472

5

**

OCT 24 2016

DAS
6
9-89
DAS
27
9-89

Monday, October 24, 2016 10:04:52 AM

Shop Packet Print

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4007-3
Support
D4007-3

DAS
28
9-89

Manufactured No

110 Each

4.0000

**

1

OCT 24 2016
DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

ST243

4

122409

4

D4008-043
Fuel Pump Splash Guard Assembly
D4008-043

DAS
28
9-89

Manufactured No

110 Each

2.0000

**

1

OCT 24 2016
DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

ST243

2

135638

2

D4009-041
Bonding Braid
D4009-041

DAS
28
9-89

Manufactured No

110 Each

9.0000

**

2

OCT 24 2016
DAS 6 27
9-89 9-89

Location

Loc Qty

Loc Code

ST071

9

145556

9

D4022-041
Fuel Transfer Pump Assy
D4022-041

DAS
28
9-89

Manufactured No

110 Each

0.0000

**

1

NOV 08 2016
DAS 6 27
9-89 9-89
150456

D4022-3
Manufactured No

110 Each

3.0000

**

1

D4022-3
Fuel Pump Mounting Bracket

DAS
28
9-89

Location

Loc Qty

Loc Code

ST245

3

122413

3

OCT 24 2016
DAS 6 27
9-89 9-89

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D4024-041

Manufactured No

110 Each

4.0000

1 1

D4024-041

Restraint Strap

**

OCT 24 2016

DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST244

4

122415

4

D4026-041

Manufactured No

110 Each

1.0000

1 1

D4026-041

Fuel Gauge

**

OCT 24 2016

DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST244

1

111446

1

D4027-043

Manufactured No

110 Each

4.0000

1 1

D4027-043

Hose Clamp Assembly

**

OCT 24 2016

DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST245

4

122416

4

D4063-1

Manufactured No

110 Each

3.0000

1 1

D4063-1

Drain Hose

**

OCT 24 2016

DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST219

3

122417

3

D4063-3

Manufactured No

110 Each

3.0000

1 1

D4063-3

Vent Hose

**

OCT 24 2016

DAS 6 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST219

3

122418

3

Monday, October 24, 2016 10:04:52 AM

Shop Packet Print

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

D8-603 Purchased No
D8-603
ECF Fuse, 6.3 amps (HA23-6U3)

110 Each 20.0000 1 1

**

DAS 6 27
9-89 9-89

OCT 24 2016

Location Loc Qty Loc Code

ST559 20
m129647 1
m129648 19

MS21042-08 Purchased No
MS21042-08
USE MS21042L08
MS21042-3 Purchased No
MS21042-3
Nut
MS21044N04 Purchased No
MS21044N04
Nut

110 Each 0.0000 2 2

**

DAS 6 27
9-89 9-89

135566 OCT 24 2016

110 Each 0.0000 9 9

**

135600 OCT 24 2016

110 Each 39.0000 4 4

**

DAS 6 27
9-89 9-89

OCT 24 2016

Location Loc Qty Loc Code

ST301 25
m135530 25
ST302 14
m132677 14

MS21059L08 Purchased No
MS21059L08
Nut

110 Each 121.0000 4 4

**

DAS 6 27
9-89 9-89

OCT 24 2016

Location Loc Qty Loc Code

ST300 121
m134634 21
m134943 100

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

152368

D350-794-013

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

MS21919-WDG6 Purchased

No

110 Each

22.0000

1 1

MS21919-WDG6

Clamp

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

22

m129909

22

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS21919-WDG8 Purchased

No

110 Each

27.0000

2 2

MS21919-WDG8

Clamp

DAS
28
9-89

Location

Loc Qty

Loc Code

ST293

27

m135408

27

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS21919-WDG9 Purchased

No

110 Each

94.0000

1 1

MS21919-WDG9

Clamp

DAS
28
9-89

Location

Loc Qty

Loc Code

ST293

94

m135865

94

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS24694-S50 Purchased

No

110 Each

211.0000

3 3

MS24694-S50

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

18

m134370

18

ST284

193

m134502

193

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Picklist Print

Page 18

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

MS29512-06

Purchased

No

110

Each

14.0000

2

2

MS29512-06

O-Ring

DAS
28
9-89

Location

Loc Qty

Loc Code

ST274

14

m132680

1

m134537

13

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS35058-23

Purchased

No

110

Each

7.0000

1

1

MS35058-23

Switch

DAS
28
9-89

Location

Loc Qty

Loc Code

ST272

7

m128919

7

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS35206-217

Purchased

No

110

Each

955.0000

4

4

MS35206-217

SCREW

DAS
28
9-89

Location

Loc Qty

Loc Code

ST272

955

m133799

955

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

MS35207-264

Purchased

No

110

Each

106.0000

3

3

MS35207-264

Screw

DAS
28
9-89

Location

Loc Qty

Loc Code

ST270

106

125445

6

m134573

100

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Monday, October 24, 2016 10:04:52 AM

Shop Packet Print

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Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

MS35207-267

Purchased

No

110

Each

99.0000

1

1

MS35207-267

Screw

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

ST270

99

m127305

99

NAS1149D0332J

Purchased

No

110

Each

1,136.000

4

4

NAS1149D0332.J

Washer

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

FP001

190

m134848

190

GA

222

m134848

222

ST260a

600

m135672

600

ST264

124

m130325

59

m135566

65

NAS1149D0963J

Purchased

No

110

Each

118.0000

2

2

NAS1149D0963.J

Washer

**

OCT 24 2016

DAS 6 27
9-89 9-89

DAS 28
9-89

Location

Loc Qty

Loc Code

ST263

118

125445

18

m135671

100

Picklist Print

Monday, October 24, 2016 10:04:52 AM

Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0363P

Purchased

No

110

Each

226.0000

3 3

NAS1149F0363P

WASHER

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST262

226

124555

226

No

110

Each

690.0000

2 2

NAS1149F0463P

Purchased

NAS1149F0463P

Washer

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST262

690

m127832

690

No

110

Each

145.0000

4 4

NAS1149FN416P

Purchased

NAS1149FN416P

Washer

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST264

145

125445

145

No

110

Each

2,151.000

2 2

NAS1149FN832P

Purchased

NAS1149FN832P

Washer

**

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

1537

M133769

89

M135058

1448

ST263

614

M135603

614

Picklist Print

Monday, October 24, 2016 10:04:52 AM

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Work Order ID: 152368

152368

Parent Item: D350-794-013

D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 10/24/2016

Required Date: 10/28/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1474A08

Purchased

No

110

Each

28.0000

3

3

NAS1474A08

NUT,SELF LOCKING

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260

28

m128186

16

m135895

12

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

NAS43DD3-32N

Purchased

No

110

Each

31.0000

1

1

NAS43DD3-32N

Spacer

DAS
28
9-89

Location

Loc Qty

Loc Code

ST550

31

125359

7

125445

24

OCT 24 2016

DAS
6
9-89

DAS
27
9-89

Monday, October 24, 2016 10:04:52 AM

Shop Packet Print

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6.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
X					D350-794-011		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X				D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
		X			D130-794-021		AUXILIARY FUEL TANK (EC 130 SERIES)
		1	X		D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1		1		X	D350-794-041		TANK ASSEMBLY
				1	D4055-041	JCA-M47-1-01A	FUEL TANK
	1		1		D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
				1*	D4023-3	ER281	FUEL CAP
	1		1		D4002-5	JCA-M47-2-13	SUPPLY HOSE - FROM AUX TANK
	1		1		D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
	1		1		D4002-7	JCA-M47-2-25	SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK
				1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY - FRONT
				1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY - REAR
				2	MS20822-3D		UNION
	1		1		AN832-6D		BULKHEAD UNION
				1	AN816-6D		STRAIGHT FITTING
	2		2		AN924-6D		NUT (ALTERNATE AS5178D06)
	2		2		NAS1149D0963J		WASHER
				1	MS20822-8D		90° FITTING
	2		2		AN815-6D		UNION
	2		2		MS29512-06		ORING
	1		1		D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
	2		2		AN3-4A		BOLT
	2		2		MS21042-3		NUT
	2		2		AN970-3		WASHER
	1		1		D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
	1		1		D4004-7	N3	HOSE CLIP
				2	D4009-041	JCA-M47-4-01	BONDING BRAID
				1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
	4		4		AN525-10R6		SCREW
	1		1		D4001-3	AN832-6D-JCA	BULKHEAD FITTING - MODIFIED
							VENT ASSEMBLY PARTS
	2		2		MS21919WDG-8		CLAMP
	1		1		D4003-11	JCA-M47-2-21	VENT PIPE - TANK
				1	D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
	1		1		D4003-049	JCA-M47-2-17	VENT PIPE - TANK
	1		1		D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
	1		1		D4063-3	193-8	VENT HOSE
	2		2		2000-8S		HOSE CLAMP
	1		1		NAS43DD3-32N		SPACER
	1		1		MS35207-267		SCREW
	2		2		MS35207-264		SCREW
	3		3		NAS1149D0332J		WASHER
	3		3		MS21042-3		NUT
				3	TBA28B		CABLE TIE FASTENER
				1	TY25MX		TIE WRAP
	1		1		MS21919WDG-6		CLAMP (RUBBER REMOVED)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY

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Revision: G
Date: 14.08.20

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
	2		2		MS21042-08		NUT
	1		1		D4290-7	444-2556	GAUGE MASTER SWITCH
	1**		1**		D4022-5	3775628 (ALT. 100-6847)	THERMAL SWITCH (125°C) – FARNELL
							GENERAL
	1		1		AN5800-1		PLACARD HOLDER
	1		1		AN929-6D		BLANK CAP
							ADDITIONAL EC 130 PARTS
			3		MS35207-264		SCREW
			3		NAS1149D0332J		WASHER
			3		MS21042-3		NUT
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
			1		D4004-043	JCA-M47-2-04	SIDE RESTRAINT ANGLE AND TIE DOWN POINT
			1		D4005-5	JCA-M47-2-06	ANGLE
			4		D4005-7	JCA-M47-2-07	ANGLE
			1		D4005-9	JCA-M47-2-08	ANGLE
			1		D4007-1	JCA-M47-2-02	TOP SUPPORT BRACKET
			1		D4005-3	JCA-M47-2-05	FORWARD RESTRAINT BEAM
			2		AN4-6A		BOLT
			1		D4007-5	JCA-M47-2-24	PACKER
							PLACARDS
	1				D3997-1	JCA-M47-P1	FUEL QUANTITY – AS 350 MODELS
			1		D3997-3	JCA-M47-P2	FUEL QUANTITY – EC 130 B4 MODEL
				2*	D3997-5	JCA-M47-P3	AUX FUEL DRAIN
	1		1		D3997-7	JCA-M47-P4	AUX FUEL TRANSFER PUMP
	1		1		D3997-9	JCA-M47-P5	AUX FUEL
				1*	D3997-11	JCA-M47-P6	WEIGHT AND BALANCE
	1		1		D3997-13	JCA-M47-P7	ON/OFF
	1		1		D3997-15	JCA-M47-P8	CHECK LOCKER TANK
				1*	D3997-17	JCA-M47-P9	STOWAGE PROHIBITED
	1		1		D3997-19	JCA-M47-P10	TANK VENT
	1		1		D3997-21	JCA-M47-P13	SWITCH FIXED
	1		1		D3997-23	JCA-M47-P14	AUX FUEL
	1				D3997-25	JCA-M47-P15	CONVERSION CHART – AS 350 MODELS
			1		D3997-27	JCA-M47-P16	CONVERSION CHART – EC 130 B4 MODEL
				1*	D3997-29	JCA-M47-P17	DO NOT OVERFILL WARNING
	1		1		D3997-31	JCA-M47-P18	ON/OFF
	1		1		D3997-33	JCA-M47-P19	AUX GAUGE FACE
	1		1		D3997-35	JCA-M47-P20	AUX FUEL GAUGE
	1		1		D3997-37	JCA-M47-P21	6.3 A CIRCUIT BREAKER
	1		1		D3997-39	JCA-M47-P22	2.5A CIRCUIT BREAKER
	1		1		D3997-41	JCA-M47-P23	AUX TANK NOT FITTED
				1*	D3997-43	JCA-M47-P24	EARTH

* - item included as part of D4055-041 tank assembly

** - item included as part of D4022-041 pump assembly

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
							Restraint Assembly Parts
	1		1		D4005-1	JCA-M47-2-03	REAR RESTRAINT ANGLE/GUTTER
	1		1		D4004-11	JCA-M47-2-11	TOP STRAP ATTACH BRACKET
	1		1		D4004-5	JCA-M47-2-23	BOTTOM STRAP ATTACH BRACKET
	3		3		MS24694-S50		SCREW
	3		3		MS21042-3		NUT
	3		3		NAS1149F0363P		WASHER
	1		1		D4024-041	JCA/ASSO/MIN	ANCRA RESTRAINT STRAP
	1		1		D4004-041	JCA-M47-2-19	SIDE RESTRAINT ANGLE
	1		1		D4007-3	JCA-M47-2-18	TOP SUPPORT BRACKET
	1		1		D4006-041	JCA-M47-2-01	TANK TOP SUPPORT ASSEMBLY
	2		2		AN4-5A		BOLT
	2		2		NAS1149F0463P		WASHER
							LOCKER PREPARATION PARTS
	1		1		D4005-041	JCA-M47-2-22	FORWARD FLOOR GUTTER
	1		1		D4063-1	193-6	DRAIN HOSE
	1		1		MS21919WDG-9		CLAMP
	1		1		MS35207-264		SCREW
	1		1		NAS1149D0332J		WASHER
	1		1		MS21042-3		NUT
	1		1		2000-6S		HOSE CLAMP
	3		3		NAS1474-08		SEALED CAPTIVE ANCHOR NUT
	1		1		D4005-11	JCA-M47-2-12	FINISHING STRIP
	4		4		MS21059-L08		ANCHOR NUT
	7		7		AN525-832R6		SCREW
							ELECTRICAL PARTS
	1		1		D4290-9	D8-603 (ALT. HA23-6U3)	6.3A ECF FUSE
	1		1		D4290-11	D1-205 (ALT. HA21-2U5)	2.5A ECF FUSE
	1		1		MS35058-23		SWITCH
	1		1		D4290-29	107-964	CONNECTOR RECEPTACLE
	1		1		D4290-27	107-978 (ALT. 105-5465)	CONNECTOR BACKSHELL
	1		1		D4290-25	107-943	CONNECTOR PLUG
				1*	D4025-1	VDO-M47-JCA	FUEL QUANTITY SENDER
	4		4		MS35206-217		SCREW
	4		4		NAS1149FN416P		WASHER
	4		4		MS21044N04		NUT
	1		1		D4290-33	143-207	PLUG
	1		1		D4290-23	143-208	RECEPTACLE
	1		1		D4290-15	143-204 (ALT. 973-1482)	RECEPTACLE HOUSING
	1		1		D4290-17	143-203 (ALT. 973-1490)	PLUG HOUSING
	5		5		D4290-35	143-219 (ALT. 977-3800)	CRIMP PIN
	5		5		D4290-31	143-217 (ALT. 977-3797)	CRIMP SOCKET
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
	1		1		D4026-041	FL-100-R-JCA	FUEL GAUGE
	2		2		AN525-832R6		SCREW - GROUND STUD
	2		2		NAS1149FN832P		WASHER

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Revision: **G**
Date: 14.08.20

Qty -111	Qty -121	Qty -023	Qty -141	Part Number	Superseded Part Numbers	Description
X				D350-794-111		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X			D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
		X		D130-794-121		AUXILIARY FUEL TANK (EC 130 SERIES)
	1	X		D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1	1		X	D350-794-141		TANK ASSEMBLY
			1	D4464-041		TANK ASSEMBLY
1		1		D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
			1*	D4023-3		FUEL CAP
1		1		D4002-5	JCA-M47-2-13	SUPPLY HOSE - FROM AUX TANK
1		1		D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
1		1		D4002-7	JCA-M47-2-25	SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK
			1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY - FRONT
			1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY - REAR
			2	MS20822-3D		UNION
1		1		AN832-6D		BULKHEAD UNION
			1	AN816-6D		STRAIGHT FITTING
2		2		AN924-6D		NUT (ALTERNATE AS5178D06)
2		2		NAS1149D0963J		WASHER
			1	MS20822-8D		90° FITTING
2		2		AN815-6D		UNION
2		2		MS29512-06		ORING
1		1		D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
2		2		AN3-4A		BOLT
2		2		MS21042-3		NUT
2		2		AN970-3		WASHER
1		1		D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
1		1		D4004-7	N3	HOSE CLIP
			2	D4009-041	JCA-M47-4-01	BONDING BRAID
			1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
4		4		AN525-10R6		SCREW
1		1		D4001-3	AN832-6D-JCA	BULKHEAD FITTING - MODIFIED
						VENT ASSEMBLY PARTS
2		2		MS21919WDG-8		CLAMP
1		1		D4003-11	JCA-M47-2-21	VENT PIPE - TANK
		1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
1		1		D4003-049	JCA-M47-2-17	VENT PIPE - TANK
1		1		D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
1		1		D4063-3	193-8	VENT HOSE
2		2		D4003-11		HOSE CLAMP
1		1		NAS43DD3-32N		SPACER
1		1		MS35207-267		SCREW
2		2		MS35207-264		SCREW
3		3		NAS1149D0332J		WASHER
3		3		MS21042-3		NUT
			3	TBA28B		CABLE TIE FASTENER
			1	TY25MX		TIE WRAP
1		1		MS21919WDG-6		CLAMP (RUBBER REMOVED)
1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY